



FSIS *E. coli* O157:H7 Verification Sampling

9 CFR 417.8(g) New Project Codes



FSIS *E. coli* 0157:H7

- Purpose: Outline current FSIS verification sampling of raw beef products for *E. coli* 0157:H7 in official establishments
- Several FSIS Notices changed policy provided in FSIS Directive 10,010.1.



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- MT43 (Dir 10,010.1, FSIS Notice 86-07)
- MT44 (FSIS Dir 10,210.1 – formerly MT04)
- MT43S (FSIS Notice 12-08)
- MT50 (FSIS Notices 18-07, 62-07, 66-07, 68-07)
- MT52 (FSIS Notice 66-07)
- MT53 (FSIS Notices 17-07, 66-07)
- MT54 (FSIS Notice 68-07)



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Policy Changes to Dir 10,010.1:

Raw Ground or Comminuted Beef Product *Routine*
Sample projects:

- MT43 Risk-based Sampling (*formerly* MT03)
- MT43S added for *Salmonella sp.*
Low Volume Producers (< 1000 lbs/day)
– *Not implemented until March 28th (Monday)*



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Policy changes to Dir 10,010.1:

Raw Ground Beef Component or Raw Beef Patty
Routine Sample projects:

- MT50 Raw Beef Manufacturing Trimmings used to make raw ground beef products - domestic
- MT54 Raw Ground Beef Components (including raw beef patty components) other than beef manufacturing trimming



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Policy changes to Dir 10,010.1:

Raw Ground Beef Sample projects:

- IPP do not wait until the establishment completes pre-shipment review before submitting raw beef samples to the laboratory for *E. coli* 0157:H7 testing.



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Policy changes to Dir 10,010.1: Raw Ground Beef Sample projects:

- IPP may submit the raw beef sample to the laboratory after the establishment has completed all interventions, except for any intervention that is based on microbiological test results.



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Policy *not* changed in Dir 10,010.1:

IPP may submit the sample either in

- final packaged form prior to freezing
(preferred method *unless* CCP for freezing)
- if held overnight before shipment then the
final package is frozen or...



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Policy *not* changed in Dir 10,010.1:

IPP may submit the sample either in

- aseptic collection in a *sterile* whirl pak bag from the FSIS Field Services Laboratory

Note: use of anything other than a sterile bag will result in a discard from the laboratory.



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Policy changes to Dir 10,010.1: When positive "+" FSIS sample occurs...

- IPP should routinely collect follow-up samples as soon as possible following the FSIS positive result
- IPP do not wait for an establishment to complete corrective actions



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Policy changes to Dir 10,010.1:

- Multiple follow-up FSIS samples after a "+" MT43, MT50, or MT05 (Retail)
- 16 or 8 samples (less than 1,000 lbs/day)
(max 2/shift from different lots;
minimum 3/week)



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Policy changes to Dir 10,010.1:

Follow-up Raw Ground Beef

Sample project codes:

- MT44 (formerly know as MT04) multiple follow-ups after "+" MT43
- MT04T trace back to originating grinding establishment when "+" found at retail MT05



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Policy changes to Dir 10,010.1: Follow-up Raw Ground Beef Component or Raw Beef Patty Sample projects:

- Multiple samples for follow-up to the FSIS routine verification sampling "+" at establishment that grind beef *or* at retail store. (≥ 2 lbs)
- MT52 Follow-up Raw Beef Manufacturing Trimmings "+" – Originating slaughter establishment sampled



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Multiple Follow-up Sample Verification

MT52 multiple follow-up samples

Recommendation by OPPD RAD/OFDER DAIG

– 120 day review of STEPS

- If originating slaughter establishment only supplier
- If multiple originating establishments identified in STEPS



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Multiple Follow-up Sample Verification

- MT53 multiple follow-up samples after a "+" MT50 or "+" MT54 at slaughter establishment

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